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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/755,537	01/12/2004	Larry G. Kent JR.	190250-1260	1334

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THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP/
BELLSOUTH I.P. CORP
100 GALLERIA PARKWAY
SUITE 1750
ATLANTA, GA 30339

EXAMINER

BUI, BING Q

ART UNIT

2642

PAPER NUMBER

DATE MAILED: 03/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/755,537	KENT ET AL.	
	Examiner	Art Unit	
	Bing Q Bui	2642	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-32 are pending in the application for examination, wherein claims 1, 7, 15 and 24 being independent.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-32 are rejected under 35 U.S.C. 102(e) as being anticipated by Zhang et al (US Pat No. 6,661,785), herein after referred as Zhang.

Regarding claim 1, referring to Figs 1a and 2a-2c, Zhang teaches an intelligent remote caller identification system, comprising:

a central office (e.g., SSP 110) operable to trigger a query responsive to receiving a call request from caller 114 (see Figs 1a and 2a-2c ; and col. 10, lns 52-65)

a service control point (e.g., SCP 120) coupled to the central office (e.g., SSP 110), the service control point (e.g., SCP 120) operable to receive the query, and trigger an internet call routing query (see Figs 1a and 2a-2c ; and col. 10, lns 52-65);

an internet call routing system (e.g., IP network 100) coupled to the service control point (e.g., SCP 120), the internet call routing system (e.g., IP network 100) operable to receive the internet call routing query, determine presence of a called party (e.g., subscriber 112) with respect to at least one registered communication device , and send an internet-based message to the called party (e.g., subscriber 112) at said at least one registered communication device responsive to the presence determination (see Figs 1a and 2a-2c ; and col. 10, ln 16-col. 13, ln 61).

Regarding claim 2, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 1, further comprising a certificate authority coupled to the internet call routing system, the certificate authority being operable to authenticate the called party by searching a customer database for current subscription and payment information (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3).

Regarding claim 3, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim I , further comprising a presence engine coupled to the internet call routing system, the presence engine being operable to determine the presence of any of said at least one registered communication device (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3)..

Regarding claim 4, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim I , wherein the internet call routing query comprises an account number associated with the called party, a phone number associated with the called party, a registration identification associated with the called party, and a certificate associated with the called party (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3)..

Regarding claim 5, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 1, further comprising a gateway coupled between the service control point and the internet call routing system, the gateway being operable to translate protocols between the SS7 protocol and the internet protocol (see Figs 1a and 2a-2c; and col. 13, lns 24-40)..

Regarding claim 6, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 1, further comprising at least one of a short message service server, an electronic mail server, an instant messaging server and a simple object access protocol server, said server being coupled to the internet call routing system, and being operable to forward an internet-based message to a registered communication device responsive to instructions from the internet call routing system (see Figs 1a and 2a-2c; and col. 10, ln 52-col. 11, ln 17).

As to claims 7, 15 and 24, they are rejected for the same reasons set forth to rejecting claim 1.

Regarding claim 8, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 7, further comprising: a database operable to store a profile associated with the called party including a list comprising said at least one registered communication device, the database being operable to provide the list associated with the called party to the presence logic (see Figs 1a and 2a-2c; and col. 4, ln 34-col. 5, ln 3)..

Regarding claim 9, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 7, wherein the messaging logic is at least one of a short message server, an

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electronic mail server, a simple object access protocol server, and an instant messaging server (see Figs 1a and 2a-2c ; and col. 10, ln 52-col. 11, ln 17).

Regarding claim 10, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 7, wherein the call query comprises an account number associated with the called party, a phone number associated with the called party, a registration identification associated with the called party, and a certificate associated with the called party (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3)..

Regarding claim 11, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 10, further comprising authentication logic coupled to the receive logic, the authentication logic operable to employ the certificate associated with the called party to authenticate the called party associated with the call query (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3)..

Regarding claim 12, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 11, wherein the authentication logic authenticates the called party, and assures that the called party continues to subscribe to a service provided by the internet call routing system (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3)..

Regarding claim 13, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 7, further comprising a rules engine, the rules engine being coupled between the receive logic and the presence logic, the rules engine being operable to parse at least one rule associated with the called party, and send instructions to a service control point to connect the call as dialed responsive to the rule parsing (see Figs 1a and 2a-2c ; and col. 10, ln 16-col. 13, ln 61)

Regarding claim 14, referring to Figs 1a and 2a-2c, Zhang teaches the system of claim 7, wherein said at least one registered communication device comprises at least one of an internet connected computer, a cellular phone, an internet protocol phone, and a television set-top box. (see Figs 1a).

Regarding claim 16, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 15, wherein the method further comprises storing a profile associated with the called party including a list comprising said at least one registered communication device, the database being operable to provide the list associated with the called party to the presence logic (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3)..

Regarding claim 17, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 16, wherein the method further comprises storing a profile associated with the called party, the profile also including at least one rule for sending the message to the called party (see Figs 1a and 2a-2c ; and col. 10, ln 16-col. 13, ln 61).

Regarding claim 18, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 17, further comprising parsing said at least one rule prior to sending the message to the called party; and sending a message to the called party via said at least one registered communication device responsive to the parsing and the presence determination (see Figs 1a and 2a-2c ; and col. 10, ln 16-col. 13, ln 61).

Regarding claim 19, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 18, wherein the message is an internet-based message (see Figs 1a and 2a-2c ; and col. 10, ln 52-col. 11, ln 17).

Regarding claim 20, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 15, further comprising using at least one of a short message server, an electronic mail server, a simple object access protocol server, and an instant messaging server, to send the message to the called party via said at least one registered communication device responsive to the presence determination (see Figs 1a and 2a-2c ; and col. 10, ln 52-col. 11, ln 17).

Regarding claim 21, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 20, wherein said at least one registered communication device includes at least one of a computer with internet connectivity, a cellular phone, an internet protocol phone, and a television set-top box (see Figs 1a).

Regarding claim 22, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 15, wherein the call query comprises an account number associated with the called party, a phone number associated with the called party, a registration identification associated with the called party, and a certificate associated with the called party (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3).

Regarding claim 23, referring to Figs 1a and 2a-2c, Zhang teaches the method of claim 22, further comprising using the certificate associated with the called party to authenticate the called party (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3).

Regarding claim 25, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 24, wherein the method further comprises storing a profile associated with the called party including a list comprising said at least one registered communication

device, the database being operable to provide the list associated with the called party to the presence logic (see Figs 1a and 2a-2c ; and col. 10, ln 16-col. 13, ln 61).

Regarding claim 26, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 25, wherein the method further comprises: storing a profile associated with the called party, the profile also including at least one rule for sending the message to the called party (see Figs 1a and 2a-2c ; and col. 10, ln 16-col. 13, ln 61).

Regarding claim 27, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 26, further comprising parsing said at least one rule prior to sending the message to the called party; and sending a message to the called party via said at least one registered communication device responsive to the parsing and the presence determination (see Figs 1a and 2a-2c ; and col. 10, ln 16-col. 13, ln 61).

Regarding claim 28, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 27, wherein the message is an internet-based message (see Figs 1a and 2a-2c ; and col. 10, ln 52-col. 11, ln 17).

Regarding claim 29, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 24, further comprising using at least one of a short message sender, an electronic mail sender, a simple object access protocol server, and an instant messaging server, to send the message to the called party via said at least one registered communication device responsive to the presence determination (see Figs 1a and 2a-2c ; and col. 10, ln 52-col. 11, ln 17).

Regarding claim 30, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 29, wherein said at least one registered communication device includes at least

one of a computer with internet connectivity a cellular phone, an internet protocol phone, and a television set-top box (see Figs 1a).

Regarding claim 31, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 24, wherein the call query comprises an account number associated with the called party, a phone number associated with the called party, a registration identification associated with the called party, and a certificate associated with the called party (see Figs 1a and 2a-2c ; and col. 4, ln 34-col. 5, ln 3).

Regarding claim 32, referring to Figs 1a and 2a-2c, Zhang teaches the program of claim 31 , further comprising using the certificate associated with the called party to authenticate the called party (see Figs 1a and 2a-2c.; and col. 4, ln 34-col. 5, ln 3).

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following patents are cited to further show the state of the art in general:

U.S. Pat. No. 5,805,682

U.S. Pat. No. 6,101,246

U.S. Pat. No. 6,144,644

U.S. Pat. No. 6,292,479

U.S. Pat. No. 6,366,661

U.S. Pat. No. 6,498,841

U.S. Pat. No. 6,757,274

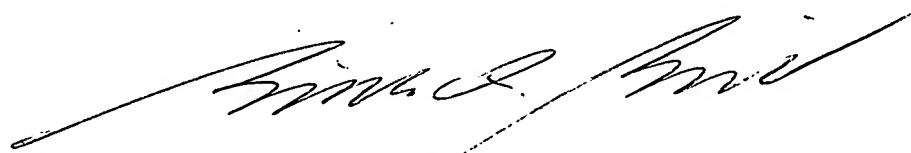
U.S. Pat. No. 6,865,266

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bing Bui whose telephone number is (571) 272-7482. The examiner can normally be reached on Monday through Thursday from 7:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 and for formal communications intended for entry (please label the response ☐EXPEDITED PROCEDURE☐) or for informal or draft communications not intended for entry (please label the response "PROPOSED" or "DRAFT").

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

29 Mar 2005



BING Q. BUI
PRIMARY EXAMINER